OneRemote INT Converter
Type 32002619

User manual

Beokompatible functions

Comag SC25

Daily use using Beo4, Beo5 or Beo6

GO GO	OK
*1*2	P+
*1*2	P-
*1	EPG
*1	Exit
GO 1	FAV
GO 3	Info
STOP	Recall

**1 As the un-shifted function of the coloured function buttons has been assigned to other functions, they have to be preceded with a GO to retrieve their actual coloured functions.*

GO	**Green function**
GO	**Yellow function**
GO	**Red function**
GO	**Blue function (Timer)**

**2 It is possible to exchange the up/ down arrow the functions with the blue and yellow buttons. See page 6 about option programming. This way the up/ down button will function as P+ and P-.*

Other operations

GO 2	Timer
GO 4	Text *receiver*
GO 5	Menu *alternative*
GO 6	Mosaic display
GO 7	Audio
GO 8	Pause/ still
GO 9	Power

Operating using Beolink1000

The OneRemote converter is best operated using a remote control with colured buttons like the Beo4, Beo5 or Beo6 but can also be operated with a Beolink1000.

The PLAY key on the old Beolink1000 remote control from Bang & Olufsen, has the same function as the GO key on newer remote controls. Thus all operations in the table above is doable using a Beolink1000 remote control. Simply replace the GO in the table with a PLAY .

The Beolink1000 remote control is equipped with a few buttons not available on newer models, and the coloured keys has to be entered using a two-key sequence.

Special Beolink1000 operations

GOTO	Exit
STORE	Return
PLAY ▲	Up
PLAY ▼	Down
SHIFT «	Green
SHIFT »	Yellow
SHIFT ▲	Blue (Timer)
SHIFT ▼	Red

List of Contents

Translation table ..... page 1

List of contents ..... page 2

Getting started ..... page 3

INT converter – how it works ..... page 3

OneRemote operation in a B&O system ..... page 4

Option programming. ..... page 5

Getting Started

This receiver has been modified for operation in a Bang & Olufsen remote control system allowing full control with a Bang & Olufsen remote control terminal either directly or via connection to Bang & Olufsen equipment. Thus the tuner is Beolink compatible.

INT internal converter -how it works

A OneRemote INT converter is a small microcomputer, which is specifically made to be built in to a non Bang & Olufsen device, equipped with a Scart output socket. This could be a Satellite receiver, DVD player etc.

A Bang & Olufsen TV receives IR data from its remote control, a Beolink1000, Beo4, Beo5 or another.

When a Scart source is selected on the B&O TV, where a device with an INT controller is connected, the TV echoes control data from the remote control to the device. These data is retransmitted via this Scart connection to the device. Control data flows through the existing Scart cable, therefore no further cables is needed.

With a OneRemote OneWay or TwoWay cable, the device can be placed up to 25 metres away from the TV. It could be placed in another room, under a sofa or where ever it suits, as operation is handled via the Scartcable.

If both the TV and the device are equipped with a HDMI connection, a HDMI cable can be added to improve picture and sound quality.

The microcomputer then translates the B&O control data, to data that controls the specific device that it is built into.

If the Bang & Olufsen TV that the device is connected to is the main TV of a Beolink system, all link rooms can get to the device and even operate it.

OneRemote operation in a B&O system

To be able to operate the device correctly with the Beo4 the user has to be familiar with operations with the original remote control as described in the device's user manual.

The beo4 remote control is not equipped with many keys, so we have designed a 'layout' that works logically, even when shifting between different devices. To get a universal layout for different devices, we needed to redefine a few of the beo4 buttons to other functions:

- ***Coloured buttons.***
  To make room for important functions, we have moved the coloured buttons, to a lower layer. To send a 'red' button command GO must be pressed before the red button. The same goes with the other 3 coloured buttons. This way we have freed the direct function of the coloured buttons, to important operations.
  In a OneRemote environment the red button is used as Back, Backup or return. The green button is used as EPG, Guide or similar. Finally the blue and yellow button is used for programme stepping.

- ***Programme stepping, up/ down manoeuvring in menus.***
  Most set top boxes or TV's has 4 arrow buttons for moving up, down, left and right in on screen menus. In addition they have separate *programme stepping* buttons for zapping through programmes. B&O remote control does not have separate buttons for programme zapping and menu manoeuvring.

  We therefore have chosen the direct blue and yellow buttons to be used as programme stepping buttons. The four up, down, left and right buttons have been assigned for manoeuvring in on screen menus, in our basic setup.

  It is possible to use the up and down arrow for programme stepping.
  See page 5 about option programming.

- ***Go or Stop shifted operation.***
  Some of the buttons has been assigned 2 or more functions. To get to these they have to be preceded with GO or STOP .
  Buttons that has been assigned secondary functions on this controller can be seen in the operating table on page 1.

Option programming

The OneRemote converter inside your receiver can be programmed with different options, to fit different setup and needs.

An option programming is done by pressing a series of buttons in a special scheme that does not occur during daily use. A programming must be ended within 3 seconds.

To abort an ongoing programming sequence, press any other button than STOP or the numeric buttons 0 to 9 .

Option 7x – auto power off enable.

In some cases it is not wanted that the device automatically powers off, when the TV is powered off. Use this option to enable or disable this.

STOP STOP STOP STOP STOP STOP 7 1	*Device powers off with TV.*
STOP STOP STOP STOP STOP STOP 7 0	*Device never powers off.*

Option 8x – menu button block enable.

Some B&O TVs not only echoes the MENU button from the remote control to the device attached to the Scart socket, instead it opens the TV's own ON-screen menu. Use this option to avoid that the device acts on this command, if your setup has this conflict.

STOP STOP STOP STOP STOP STOP 8 1	*Use the MENU button.*
STOP STOP STOP STOP STOP STOP 8 0	*Ignore the Menu button..*

Option 9x – programme zapping.

The zapmode option makes it possible to exchange the functions of the up & down buttons with the blue & yellow buttons.

Factory settings:

and	Programme zapping.
and	Moving up/ down in on-screen menus.

While using a Beolink 1000 or other older remote control without coloured buttons, it is a little awkward to make a programme zap when option 91 is set. This option reverses the use of the sets of arrows.

Some people find it more comfortable to use the up/ down arrows for programme zapping, and therefore also benefits from this option, using a Beo4, Beo5 or Beo6.

STOP STOP STOP STOP STOP STOP 9 1	*Yellow/ Blue is programme Zap.*
STOP STOP STOP STOP STOP STOP 9 0	*Up/ Down is Programme Zap.*